RURAL DISTRICT COUNCIL

OF

THORNEY

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

SURVEYOR AND PUBLIC HEALTH INSPECTOR

FOR THE YEAR

1970

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THORNEY RURAL DISTRICT COUNCIL

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MEMBERS OF THE COUNCIL.

(as at 31st. December 1970)

Chairman : T.B.Ulyett.

Vice-Chairman : B.A.Franklin.

R.J.Berry.

G.R.Campion.

J.B.Green.

Mrs. N. Green.

Mrs. E. Peacock.

STAFF :

P.V.CANT, M.B., Ch.B., D.P.H.
Medical Officer of Health.

E.T.LITTLE, F.F.S., M.R.S.H., M.A.P.H.I.
Surveyor and Public Health Inspector.

To the Thorney Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my Annual Report on the health and sanitary conditions of the District for the year ending 31st. December, 1970.

The mid-year population was estimated by the Registrar General to be 2,640, it is rising slowly, having increased by about 70 persons in the last 5 years.

There were 37 live births during the year, which is the same number as in 1969. This gives a crude birth rate of 14 and an adjusted rate of 14.6 per 1,000 of the population. This is slightly below tha rate of 16.0 for England and Wales.

There were 3 illigitimate live births. This is 8% of all live births, being the same percentage as occurred in England and Wales. No infants under one year old died during the year.

There were 15 deaths during the year, 8 males and 7 females. This gives extremely low rates for the year as compared with the rest of the country, and is due to working out statistics based on such a small population.

During the years 1965 - 1969 inclusive, the average number of deaths was 21 per year.

Few cases of infectious disease were notified during the year, the commonest being Measles; 11 cases.

The water supply throughout the District is satisfactory, which is creditable in an area where some of the houses are so widely scattered and with long runs of mains.

The new sewage works serving the village of Thorney came into use at the beginning of the year, and I am pleased to report that it is giving a satisfactory effluent.

I am most grateful to the Members of the Council and their Officers and Staff for all the help which they have given to me during the year.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	22,896 acres.
Estimated population	2,640
Density of persons per acre ...	0.1
No. of inhabited houses as at 1-4-70	803
Rateable Value 31-3-70 ...	£58,760
Value of Penny Rate 69/70 ...	£234

VITAL STATISTICS.

Live Births...	37
Rate per 1,000 population	14
Illegitimate Live Births per cent of total live births	8
Still-births	1
Still-birth Rate per 1,000 live and still-births	26
Total live and still-births	38
Infant deaths under one year	Nil.
Infant mortality Rates	
Infant deaths per 1000 live births	Nil
Maternal Mortality (including abortion)	
Number of deaths	Nil
Rate per 1,000 live and still-births ...	Nil
Number of Deaths (all ages)	15
Death Rate per 1,000 population	5.7
Deaths from Cancer including Leukaemia	6
Cancer of lung or bronchus	2
Ischaemic heart disease	1
Other heart disease	2

TUBERCULOSIS

There were no new cases or deaths from Tuberculosis during 1970, therefore I have not printed the tables this year.

The following table shows the classification of deaths from all causes, Registrar General's figures.

CAUSES OF DEATHS.

	Male	Female	Total
Malignant neoplasm, stomach.	1	-	1
Malignant neoplasm, lung, bronchus.	2	-	2
Leukaemia.	-	1	1
Other malignant neoplasms	1	1	2
Ischaemic heart disease	1	-	1
Other forms of heart disease.	-	2	2
Cerebrovascular disease.	-	2	2
Other diseases of circulatory system.	1	-	1
Pneumonia	1	-	1
Bronchitis and emphysema	-	1	1
All other accidents.	1	-	1
Totals	8	7	15

Comparison of rates with those of England and Wales.

	Per 1,000 population.			Per 1,000 live births	
	Live Birth Rate	Adjusted Birth Rate	Crude Death Rate	Adjusted Death Rate	Infantile Mortality Rate.
Thorney R.D.	14	14.6	5.7	7.9	NIL
England &Wales.	16	16	11.7	11.7	18

Comparability factors Births 1.04

Comparability factors Deaths 1.39

The comparability factors are figures by which the crude birth and death rates need to be multiplied so as to find the adjusted rates. The adjusted rates are then comparable with the rates for England and Wales or the adjusted rates of any other place in the country. The Registrar General calculates the factors from information available to him concerning amongst other things the age and sex structure of the population.

The following table gives the incidence of notifiable diseases (other than tuberculosis) in the area during 1970.

DISEASE	TOTAL	Under 1 year	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	10 - 15	15 - 20	20 - 35	35 - 45	45 - 65	65 and upwards	Admitted to Hospital	Total Deaths
SMALLPOX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SCARLET FEVER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIPTHERIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEASLES	11	1	1	1	-	1	7	-	-	-	-	-	-	-	-
WHOOPING COUGH	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
JAUNDICE	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-
DYSENTERY	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POLIOMYELITIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOOD POISONING	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARA-TYPHOID	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ACUTE MENINGITIS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

I am,

Your obedient Servant,

Philip V. Cant.

Medical Officer of Health.

hild Health Centre,
hittlesey Road,
tanground,
eterborough, PE2 8RB
hone: Peterborough 68010.

HEALTH AND SOCIAL SERVICES IN THE AREA.

Nursing in the Home.

Under the Huntingdon and Peterborough County Council scheme the services of a District Nurse are available in all the villages in the District.

Home Helps.

Domestic Home Helps are available under the County Council scheme. Applications should be made to :-

The Social Services Department,
County Offices,
Bridge Street,
PETERBOROUGH. PE1 1HF.

General Hospitals.

Patients are admitted to the Peterborough District Hospital, administered by the Peterborough and Stamford Hospital Management Committee of the East Anglian Regional Board.

Isolation Hospitals.

Infectious cases are admitted to the Peterborough Isolation Hospital under the management of the above hospital management committee.

Treatment Centres and Clinics.

These are held at the following premises :-

Community Centre, Thorney, Alternate Tuesdays (afternoon)

Immunisation.

Measles, Diphtheria, Tetanus, Whooping Cough, and German Measles immunisation is provided by the General Practitioner service under the County Council Scheme.

Girls also can receive immunisation against German Measles during their 13th. year in School through the School Medical Service.

Tuberculosis immunisation (B.C.G.) is offered to all children in School during their 12th. year through the School Medical Service.

Services provided by the East Anglian Regional Hospital Board.

Tuberculosis cases are seen at the Chest Clinic at Peterborough District Hospital.

Venereal Disease Clinics - Peterborough District Hospital.

Males. Monday 4.30.p.m. Wednesday 5.30.p.m. - 7.0.p.m.

Females. Tuesday 10.0a.m. to 12.30.p.m.

Thursday 4.30.p.m. - 6.30.p.m.

Patients may attend these Clinics without an appointment, and do not require a note from their family doctor.

Treatment is confidential.

Family Planning Clinics. - Town Hall, Peterborough.

1st. and 3rd. Wednesdays 10.0.a.m. - 11.30.a.m.

2nd, 3rd, 4th and 5th. Wednesdays 6.30.p.m. - 8.30.p.m.

Fridays 2.0.p.m. - 4.0.p.m.

To make an appointment Tel. Peterborough 4961 on weekdays after 6.0.p.m. ONLY.

THORNEY RURAL DISTRICT COUNCIL

Council Offices,
Thorney,
Peterborough PE6 OQE.

July, 1971.

To : The Medical Officer of Health.

Sir,

I have the honour to present my sixteenth Annual Report in respect of the year 1970 as follows :-

NUISANCES.

12 complaints were received and investigated.

Premises (disrepair)	3
Drainage	4
Keeping of animals	2
Noise	2
Watercourses	1

All nuisances were abated as a result of informal action.

FACTORIES AND WORKSHOPS (see also Appendix 1)

No. of factories with mechanical power	6
No. of factories without mechanical power	1
No. of inspections	9
No. of outworkers	Nil

REFUSE COLLECTION AND DISPOSAL.

Collection of household refuse throughout the whole District is carried out by contract and provides a weekly collection in the built-up area and a three weekly collection in the outlying areas. The weekly service is adequate, but in view of the increased product of household refuse in accordance with national trends, consideration is being given to improving the service provided outside the built-up area. Only three complaints were received and on investigation only one was found to be justified.

There are no refuse tips within the Rural District. Tipping facilities are made available at a controlled tip situated just outside the District boundary, by arrangement with Peterborough City Council.

PETROLEUM ACT 1928

No new licences were issued during the year, and 38 current licences are now in force in respect of the bulk storage of petroleum mixtures at 38 premises. 12 inspections were carried out.

IMPROVEMENT GRANTS.

Applications were received for Standard Grants in respect of four properties and grants were awarded in each case.

Grants paid during the year totalled £1,190 in respect of the following amenities provided :-

Baths 4, Wash Basins 4, Hot water supply 4, W.C.'s 4.

No applications for Discretionary Grant were received.

164 applications have been made since the inception of the Improvement Grant Schemes, and a Grant has been given in every case.

RODENT CONTROL.

The Annual Return in the form required is given as Appendix 3.

A free treatment service is provided by the Council for domestic properties only, and if one can presume that in these circumstances ready notification of infestation will be made, the figures reflect a satisfactory situation. Continuing vigilance will be necessary however if this situation is to be maintained.

COMMON LODGING HOUSES.

There are none within the area of the Rural District.

CARAVANS.

No new site licences were issued during the year, there are now two sites licenced under the provisions of the Caravan Sites and Development Act. 1960, each in respect of single caravans. There are no multiple sites in the District.

WATER SUPPLY.

The following data is kindly provided by the South Lincolnshire Water Board :-

(a) Water consumption.

(i) Total annual consumption 41.9 million gallons.

(ii) Average daily consumption 115,000 gallons.

(iii) Per capita consumption 44 gallons/ head / day.

(b) General.

The water supplied to the District is very hard in character, free from toxic metals and elements injurious to health, and of good organic quality. The fluoride content was between 0.25 and 0.55 p.p.m.

(c) Water quality.

(i) Regular weekly samples were taken throughout the distribution system and submitted for bacteriological examination. The results were satsfactory in every case.

(ii) The following is a representative chemical analysis of a routine sample from the Wilsthorpe Pumping Station :-

THORNEY RURAL DISTRICT COUNCIL

Water sample - Analytical results in parts per million (mg/l)

Appearance	Clear & bright.
Colour (Hazen)	Nil
pH	7.10
B.O.D.$\frac{5}{20}$	0.70
C.O.D	2.02
Suspended solids	Nil.
Ammoniacal Nitrogen	Nil
Albuminiod Nitrogen	0.024
Nitrite Nitrogen	Nil
Nitrate Nitrogen	2.2 (9.74 as NO3)
Chloride as Cl	15
Sulphate as So 4	104
Fluoride (F)	0.25
Manganese	Nil
Odour	Nil
Alkalinity as Ca Co3	228
Caustic alkalinity as Ca Co3	Nil
Total hardness as Ca Co3	376
Calcium hardness as Ca Co3	338
Dissolved Solids at 105 deg. C	508
Total mineral acidity	168
Residual Chlorine	Nil
Iron	0.013
Copper	0.073
Zinc	Nil
Lead	Nil
Free CO2	35

SCHOOL SWIMMING POOLS.

Routine samples of water taken for bacteriological examination were all satisfactory.

DRAINAGE AND SEWERAGE.

The new sewage disposal works serving Thorney village were handed over and became fully operational at the beginning of the year. Regular sampling of effluent has been carried out by the River Authority, with excellent results in each case.

DISINFESTATION.

No call was made on this service during the year.

FOOD HYGIENE REGULATIONS. (See also Appendix 4.)

All food premises were inspected during the year.

FOOD INSPECTION.

No cases of unsound food were dealt with during the year.

There are no Slaughterhouses ar Poultry Packing Premises within the District.

HOUSING.

(i) Private: 31 new properties were erected.

(ii) Council: No new properties were erected during the year. Repairs were executed in 169 premises.

(iii) Slum Clearance.

No statutory action was taken during the year, as no dwellings in the District fall within this classification of disrepair.

BUILDING REGULATIONS 1965.

63 sets of plans were deposited in respect of 131 new buildings and/or works; 158 visits and inspections were made.

TOWN AND COUNTRY PLANNING ACTS. 1967 - 68.

30 planning applications were received and recommendations made to the County Planning Authority in each case.

SUMMARY OF INSPECTIONS AND VISITS MADE.

Nuisances	15.	Street numbering	5
Water supply	3.	Road safety.	7.
Factories and Workshops.	9.	Rodent control.	32.
Foodshops.	17.	Improvement Grants	8.
Canteens.	2.	Committees. etc.	13.
Mobile vans.	2.	New buildings.	158.
Drainage and Sewerage.	21.	Planning.	11.
Caravans.	4.	Council Houses.	96.
Drainage (new work).	73.	Miscellaneous.	41.
Refuse collection	3.	Petroleum Acts.	12.
Sewage works	81.	Offices, Shops & Railway Premises Act.	18.

NUMBER OF INTERVIEWS.

Office.....234.

Private..... 46.

CONCLUSION.

In conclusion, I wish to convey my thanks for the co-operation which I have received during the year from the members of the Council and staff in all the above work.

E.T.LITTLE.

Surveyor and Public Health Inspector.

APPENDIX 1.

THORNEY RURAL DISTRICT COUNCIL.

FACTORIES ACT 1961.

Premises.	No. on Register.	No. of Inspections.	Written Notices.	Occupiers Prosecuted.
Factories in which section 1,2,3,4,& 6, are to be enforced by Local Authorities.	1	2	-	-
Factories in which section 7 is enforced	6	7	-	-
Other premises	-	-	-	-
	7	9	-	-

Number of cases in which defect were found.

Particulars.	Found.	Remedied.	Referred to H.M.I.	By H.M.I.	Prosecutions.
Want of cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature.	-	-	-	-	-
Inadequate ventilation.	-	-	-	-	-
Ineffective floor drainage	-	-	-	-	-
Sanitary conveniences.					
a. Insufficient	-	-	-	-	-
b. Unsuitable	-	-	-	-	-
c. Not separate for sexes	-	-	-	-	-
Other Offences	-	-	-	-	-

APPENDIX 2.

THORNEY RURAL DISTRICT COUNCIL.

THE OFFICES, SHOPS & RAILWAY PREMISES ACT 1963.

Annual report under section 60 to the Ministry of Labour in respect of the year 1970.

Table A.

Registrations and General Inspections.

Class of Premises.	No. of Premises newly registered during the year.	Total No. of registered premises at end of year.	No. of registered premises receiving one or more general inspections during the year.
Offices	-	4	4
Retail shops	-	5	5
Wholesale shops warehouses	-	1	1
Catering establishments open to the public	-	2	2
Fuel storage depots	-	-	-
TOTAL	-	12	12

Table B.

Number of visits of all kinds (including general inspection) to Registered Premises.	18

A P P E N D I X 3.

THORNEY RURAL DISTRICT COUNCIL

PREVENTION OF DAMAGE BY PESTS ACT 1949

Annual Report on Rats and Mice for the year ended 31-12-70.

Properties	Type of Property	
	Non-Agricultural	Agricultural
1. No. of properties in District.	930	
2. a. Total No. of properties (including nearby premises) inspected following notification.	23	9
b. No. infested by:-		
1. Rats	19	9
2. Mice	4	6
3. a. Total No. of properties inspected for rats and/or mice for reasons other than notification.	87	18
b. No. infested by :-		
1. Rats	6	11
2. Mice	12	13

A P P E N D I X 4.

THORNEY RURAL DISTRICT COUNCIL

Food Hygiene Regulations.

Type of Business.	No. of premises.	No. of premises fitted to comply with Reg. 16.	No. of premises to which Reg. 19 applies.	No. of premises fitted to comply with Reg. 19.
Butchers.	1	1	1	1
Cafes.	2	2	2	2
Confectionars	2	2	2	2
Fish & chips	1	1	1	1
Greengrocers.	1	1	1	1
Public Houses & Clubs	4	4	4	4
Sweets.	1	1	-	-
TOTALS	12	12	11	11